

# Notice of Allowability

Application No.

10/658,902

Examiner

Fred A. Casca

Applicant(s)

SRIRAM, SUNDARARAJAN

Art Unit

2617

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 30, 2006.
2. ☒ The allowed claim(s) is/are 1-5 and 25-39.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                     |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|  | 9. <input type="checkbox"/> Other _____   |

## **DETAILED ACTION**

### **Response to Arguments**

1. Applicant's arguments filed on November 30, 2006 with respect to claims 1-5 and 25-39 have been considered and are persuasive. The new limitations to the independent claims have not been found or suggested by prior art. The rejection of claims 1-5 has been withdrawn.

### **Allowable Subject Matter**

2. Claims 1-5 and 25-39 are allowed.

The following is the examiner's statement of reasons for allowance: The present application is a continuation of application No. 09/418,907 10/15/1999 PAT 6,665,277 which claims benefit of 60/104,445 10/16/1998. The amended independent claims presented in the present application are now narrower and more specific than the claims of application No. 10/15/1999 (now PAT 6,665,277). None of the prior art References, Nystrom et al (US Patent No. 6,185,244 B1) and Pat No. 6,665,277, teaches or suggests directly or indirectly the limitation

"if one of N distinct code words or sequences is present in the tertiary synchronization code, synchronize the frame of data using tertiary synchronization code and detect a code word transmitted on the secondary synchronization code; if one of N distinct code words or sequences is not present in the tertiary, synchronization code, synchronize the frame of data and identify code group using secondary" in claim 1, "searching for presence of a known code word in the tertiary synchronization code; and synchronizing the frame of data and identifying code group using the secondary synchronization code if a known code word is not detected", in claim 28, and "identifying the primary synchronization code and using the tertiary synchronization code to

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provide both frame synchronization and partial synchronization code group identification." in claim 38 along with other combinations of the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

1. Any response to this Office Action should be mailed to:

*U.S Patent and Trademark Office  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450*

Or Faxed to:

571-273-8300.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fred A. Casca whose telephone number is (571) 272-7918. The examiner can normally be reached on Monday through Friday from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid, can be reached at (571) 272-7922.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**LESTER G. KINCAID**  
**SUPERVISORY PRIMARY EXAMINER**